INDEX

WIONIHS	PAGES	MONTHS	PAGES		PAGES
January	1- 42	May 167	-206		7 - 366
				October 367	7-406
	43— 84	June 207	-246		7-454
March	85—126	July 247	-286		502
	27—166				
April	2/-100	August 287	-326	December 503	-542
		*	_		_
	PAGE		PAGE		PAGE
ACCELERATION, Performant Prediction (J. R. Ellis)	nce	Blowers:		Book Reviews—Continued	
Prediction (I. R. Ellis)	117	Improving Efficiency, Hanomag		"Geschichte des Diesel Person-	
Accident Casualties	210	(pat. spec.)	84	enwagens, Die" (The History	,
Adhesive for Bonding Plastics	to				
		Positive Displacement, Auto		of the Diesel Private Car)	
Metal and Rubber, Hydrog	pol 81	Union (pat. spec.)	366	"History and Development of	1
Aerodynamics, Car (G. E. Li		B.M.C. Engine Replacement Plant	402	Light Cars, The" (C. F.	
Walker)	215, 262	Bodies, Welding Austin-Healey Car	100	Caunter)	396
Aerodynamic Drag (R. M. Ogo	-10	Body Mounting	86		
kiewicz)		Bodywork:	00	"How to Get Ahead in the Auto-	
Aerodynamics and Stability (Edito			222	motive Business" (W. H.	
		American	222	Crouse)	395
ial)	207	Commercial Vehicle Exhibition,		"How to Write Scientific and	
Air-conditioning, Commercial V	e-	Review of	447	Technical Papers 2 /C E Tra	,
hicle Exhibition Review of	447	Motor Show, Review of	504	Technical Papers" (S. F. Tre-	200
Air-cooled Cylinder Construction		Bogie Truck, Powell Pallet-handling		lease)	396
				"Hydraulic Handbook"	295
Stihl (pat. spec.)	320	Bolt, Avdel Lockbolt		"Kräfte in Einrichtungen zur	
Air-cooled Engine, Panhard Dy	ma 128	Bolt-heading Machine, Hatebur			
Air Cooling for Cars (A. S. Las	m-	Progressive Cold-heading	336	Verbindung von Kraftfahrzeu-	
burn)	306	Bonding Plastics to Metal and Rub-		gen mit Einachsanhangern	
Air Flow, Testing, Car Aerod	lv-	ber, Hydropol	81	Uber 20 km/h Höchst-	
namics (G. E. Lind Walker)	215 262		0.	geschwindigkeit." (Forces in	
Airida Carinas	213, 202	Book Reviews:		the Couplings between Motor	
Airide Springs	208	"A and B Roads Motoring Atlas			
Airlock Tube, Pirelli		of Creet Pritain"	296	Vehicles and Single-axle Trail-	
Air Suspension Damping (Editoria	al) 167	of Great Britain"	290	ers Operated at Maximum	
Air Suspension, Dunlop				Speeds of more than 20 k.p.h.))
Air Suspension for Semi-Traile		(L. L. Cox)	296	Deutsche Kraftfahrtforschung	
		"Autocar Road Tests 1958"	296	No. 112	
Cranes		"Automobile Brakes and Brake			
Air Suspension on the Continent		Tracing 2 (M. Diese)	204	"Kräfte in Errichtungen zur	
Air Suspension Spring, Gener	ral	Testing" (M. Platt)	396	Verbindung von Kraftfahrzeu-	
Motors (pat. spec.)	84	"Automobile Electrical Equip-		gen mit Mehrachsanhängern	1
Aluminium Alloy Bearings	211	ment" (A. P. Young and L.		über 20 km/hr Höchstgesch-	
American and British Productive		Griffiths)	396	windigkeit." (Forces in Coup-	
		"Automobile Engine Overhaul"		lings between Metercare and	
(Editorial)	43	(A W Tudge)	296	lings between Motorcars and	
American Bodywork		(A. W. Judge) "British Engineers' Association	270	Trailers at Speeds over 20 km/	
American Design Outlook	394	"British Engineers Association		hr.) No. 113	528
Anti-skid Device, Dunlop Maxare	et	Handbook "	294	"Kräfte in Kugelgelenk-Flächen-	
	248, 382	"CABMA Register of British In-		kupplungen bei Omnibuszügen	
Austin Gipsy 3		dustrial Products for Canada,			
Austin Haslaw Cor Podice Wel	14	1958-1959"	395	mit Zweiachsanhängern." No.	
Austin-Healey Car Bodies, Wel		"Car Driving as an Art"		114 (Forces in Ball-and-Socket	
ing	100	(C C II Denie)	116	Flat Face Couplings between	
Automatic Machine Control	58	(S. C. H. Davis)		Buses and Four-wheel Trailers)	529
Automatic Regulation of Valve Li	ift,	"Casting in Steel"	259	"Landing Gear Design" (H. G.	
Daimler-Benz (pat. spec.)		"Commercial Vehicle, and Trac-			
Automatic Transmission, Bor		tor Wiring Diagrams" (E.		Conway)	
Warner	532	tor Wiring Diagrams" (E. Mulloy and J. Seale)	396	"Mechanical Vibrations" (A. H.	
		"Entwicklungsprobleme der		Church)	296
Automation Techniques at Fo				"Mechanical World Electrical	
Engine Plant, Lima, Ohio	533	Kraftfahrzeugmotoren." (De-		** D 1 1070 H	
"Auto-Moly" Engine Lubrication		velopment Problems of Ve-	E20	Year Book, 1958"	116
Compound		hicle Engines.) (A. Jante)	528	"Mechanical World Year Book,	
Avdel Lockbolt		"Entwicklung von Verfahren und		1958 "	116
		Geräten zur Prüfung Licht-		"Metal Industry Handbook and	-
Axle, Final Drive Arrangement	11,	technischer Einrichtungen an		Directory 1958"	295
David Brown	126			"Miles per Quart +" (J. M.	200
Axle Lubrication, Castor Oil	340	Kraftfahrzeugen sowie Un-		Nines per Quart + (j. 141.	295
		tersuchungen zur Ergänzung		Nuttall)	
		der bestehenden Prufvorschrift-		"Motor Vehicle Exercises in Cal-	
PALANCING Engines, Ford	38	en" (Development of Pro-		culation" (H. G. Miles and	1
Barrelling, Precision	536	cedures and Equipment for the		L. W. F. Elen)	395
Barrel, Rubber Rumbling, Dunl	ор	Testing of Lamps and Illumin-		"Motor Vehicle, The" (K. New-	
(pat. spec.)		ated Signals for Motor Ve-		ton and W. Steeds)	395
Patch Counter and Timer		histor and also December 1 and		"Plastics Progress 1957" (Ed. P.	
Batch Counter and Timer		hicles, and also Research lead-			250
Batching Plant, Mechanized He		ing to the Completion of Test	-	Morgan)	259
Treatment	362	Specifications)	39	"Proceedings of the International	
Bearings:		"Extrusion of Plastics" (E. G.		Conference on Fatigue of	
Aluminium Alloy	211	Fisher)		Metals, 1956"	395
Clayflex Flexible		"Fahrzeugtechnik. Anpassung		"Prüfung von Dauerbremsen an	
Mounting Anti-Friction	515			Kraftfahrzeuganhängern." (The	
		des Fahrzeugs an den Men-			
Nadella Needle Thrust		schen." (Vehicle Engineering.		Testing of Continuously Applied Brakes for Trailers).	
Belt, R.K.N. Safety	21	The Fitting of Vehicles to the		Applied Brakes for Trailers).	
Bench for Servicing Fuel Injecto	rs,	Human Being)	147	Deutsche Kraftfahrtforschung	
Hartridge		"Ford Cars" (T. B. D. Service)		No. 104	231
		Total Cars (1. D. D. Service)	200		201

INDEX

WIONIHS	PAGES	MONTHS	PAGES		PAGES
January	1- 42	May 167	-206		7 - 366
				October 367	7-406
	43— 84	June 207	-246		7-454
March	85—126	July 247	-286		502
	27—166				
April	2/-100	August 287	-326	December 503	-542
		*	_		_
	PAGE		PAGE		PAGE
ACCELERATION, Performant Prediction (J. R. Ellis)	nce	Blowers:		Book Reviews—Continued	
Prediction (I. R. Ellis)	117	Improving Efficiency, Hanomag		"Geschichte des Diesel Person-	
Accident Casualties	210	(pat. spec.)	84	enwagens, Die" (The History	,
Adhesive for Bonding Plastics	to				
		Positive Displacement, Auto		of the Diesel Private Car)	
Metal and Rubber, Hydrog	pol 81	Union (pat. spec.)	366	"History and Development of	1
Aerodynamics, Car (G. E. Li		B.M.C. Engine Replacement Plant	402	Light Cars, The" (C. F.	
Walker)	215, 262	Bodies, Welding Austin-Healey Car	100	Caunter)	396
Aerodynamic Drag (R. M. Ogo	-10	Body Mounting	86		
kiewicz)		Bodywork:	00	"How to Get Ahead in the Auto-	
Aerodynamics and Stability (Edito			222	motive Business" (W. H.	
		American	222	Crouse)	395
ial)	207	Commercial Vehicle Exhibition,		"How to Write Scientific and	
Air-conditioning, Commercial V	e-	Review of	447	Technical Papers 2 /C E Tra	,
hicle Exhibition Review of	447	Motor Show, Review of	504	Technical Papers" (S. F. Tre-	200
Air-cooled Cylinder Construction		Bogie Truck, Powell Pallet-handling		lease)	396
				"Hydraulic Handbook"	295
Stihl (pat. spec.)	320	Bolt, Avdel Lockbolt		"Kräfte in Einrichtungen zur	
Air-cooled Engine, Panhard Dy	ma 128	Bolt-heading Machine, Hatebur			
Air Cooling for Cars (A. S. Las	m-	Progressive Cold-heading	336	Verbindung von Kraftfahrzeu-	
burn)	306	Bonding Plastics to Metal and Rub-		gen mit Einachsanhangern	
Air Flow, Testing, Car Aerod	lv-	ber, Hydropol	81	Uber 20 km/h Höchst-	
namics (G. E. Lind Walker)	215 262		0.	geschwindigkeit." (Forces in	
Airida Carinas	213, 202	Book Reviews:		the Couplings between Motor	
Airide Springs	208	"A and B Roads Motoring Atlas			
Airlock Tube, Pirelli		of Creet Pritain"	296	Vehicles and Single-axle Trail-	
Air Suspension Damping (Editoria	al) 167	of Great Britain"	290	ers Operated at Maximum	
Air Suspension, Dunlop				Speeds of more than 20 k.p.h.))
Air Suspension for Semi-Traile		(L. L. Cox)	296	Deutsche Kraftfahrtforschung	
		"Autocar Road Tests 1958"	296	No. 112	
Cranes		"Automobile Brakes and Brake			
Air Suspension on the Continent		Tracing 2 (M. Diese)	204	"Kräfte in Errichtungen zur	
Air Suspension Spring, Gener	ral	Testing" (M. Platt)	396	Verbindung von Kraftfahrzeu-	
Motors (pat. spec.)	84	"Automobile Electrical Equip-		gen mit Mehrachsanhängern	1
Aluminium Alloy Bearings	211	ment" (A. P. Young and L.		über 20 km/hr Höchstgesch-	
American and British Productive		Griffiths)	396	windigkeit." (Forces in Coup-	
		"Automobile Engine Overhaul"		lings between Metercare and	
(Editorial)	43	(A W Tudge)	296	lings between Motorcars and	
American Bodywork		(A. W. Judge) "British Engineers' Association	270	Trailers at Speeds over 20 km/	
American Design Outlook	394	"British Engineers Association		hr.) No. 113	528
Anti-skid Device, Dunlop Maxare	et	Handbook "	294	"Kräfte in Kugelgelenk-Flächen-	
	248, 382	"CABMA Register of British In-		kupplungen bei Omnibuszügen	
Austin Gipsy 3		dustrial Products for Canada,			
Austin Haslaw Cor Podice Wel	14	1958-1959"	395	mit Zweiachsanhängern." No.	
Austin-Healey Car Bodies, Wel		"Car Driving as an Art"		114 (Forces in Ball-and-Socket	
ing	100	(C C II Denie)	116	Flat Face Couplings between	
Automatic Machine Control	58	(S. C. H. Davis)		Buses and Four-wheel Trailers)	529
Automatic Regulation of Valve Li	ift,	"Casting in Steel"	259	"Landing Gear Design" (H. G.	
Daimler-Benz (pat. spec.)		"Commercial Vehicle, and Trac-			
Automatic Transmission, Bor		tor Wiring Diagrams" (E.		Conway)	
Warner	532	tor Wiring Diagrams" (E. Mulloy and J. Seale)	396	"Mechanical Vibrations" (A. H.	
		"Entwicklungsprobleme der		Church)	296
Automation Techniques at Fo				"Mechanical World Electrical	
Engine Plant, Lima, Ohio	533	Kraftfahrzeugmotoren." (De-		** D 1 1070 H	
"Auto-Moly" Engine Lubrication		velopment Problems of Ve-	E20	Year Book, 1958"	116
Compound		hicle Engines.) (A. Jante)	528	"Mechanical World Year Book,	
Avdel Lockbolt		"Entwicklung von Verfahren und		1958 "	116
		Geräten zur Prüfung Licht-		"Metal Industry Handbook and	-
Axle, Final Drive Arrangement	11,	technischer Einrichtungen an		Directory 1958"	295
David Brown	126			"Miles per Quart +" (J. M.	200
Axle Lubrication, Castor Oil	340	Kraftfahrzeugen sowie Un-		Nines per Quart + (j. 141.	295
		tersuchungen zur Ergänzung		Nuttall)	
		der bestehenden Prufvorschrift-		"Motor Vehicle Exercises in Cal-	
PALANCING Engines, Ford	38	en" (Development of Pro-		culation" (H. G. Miles and	1
Barrelling, Precision	536	cedures and Equipment for the		L. W. F. Elen)	395
Barrel, Rubber Rumbling, Dunl	ор	Testing of Lamps and Illumin-		"Motor Vehicle, The" (K. New-	
(pat. spec.)		ated Signals for Motor Ve-		ton and W. Steeds)	395
Patch Counter and Timer		histor and also December 1 and		"Plastics Progress 1957" (Ed. P.	
Batch Counter and Timer		hicles, and also Research lead-			250
Batching Plant, Mechanized He		ing to the Completion of Test	-	Morgan)	259
Treatment	362	Specifications)	39	"Proceedings of the International	
Bearings:		"Extrusion of Plastics" (E. G.		Conference on Fatigue of	
Aluminium Alloy	211	Fisher)		Metals, 1956"	395
Clayflex Flexible		"Fahrzeugtechnik. Anpassung		"Prüfung von Dauerbremsen an	
Mounting Anti-Friction	515			Kraftfahrzeuganhängern." (The	
		des Fahrzeugs an den Men-			
Nadella Needle Thrust		schen." (Vehicle Engineering.		Testing of Continuously Applied Brakes for Trailers).	
Belt, R.K.N. Safety	21	The Fitting of Vehicles to the		Applied Brakes for Trailers).	
Bench for Servicing Fuel Injecto	rs,	Human Being)	147	Deutsche Kraftfahrtforschung	
Hartridge		"Ford Cars" (T. B. D. Service)		No. 104	231
		Total Cars (1. D. D. Service)	200		201

	PAGE		PAGE		PAGI
Book Reviews—Continued		Book Reviews -Continued		Collets:	
		"Versuche an Zügen mit Selbst-		Crawford Multibore	130
"Servicing Guide to British Motor Vehicles." Vol. IV.		tatiger Lastanpassung der		"Multisize" Precision	
Motor venicles. vol. 1v.		Anhängebremsen zur Ermitt-		Combined Shoe and Disc Brake,	
(A. J. K. Moss)	116				
"Sixth Symposium (International)		lung von Kenwerten für die		Bendix (pat. spec.)	
on Combustion"	295	Unmittenbare Bremsprüfung."		Combustion Chamber, Daimler-	
"Standards for the British Auto-		(Tests with Trains with Auto-		Benz Diesel Engine (pat. spec.)	
	197	matic Load Adjustment of		Combustion, Piston-crown Swirl	
mobile Industry"		Trailer Brakes to Determine		Chamber for Diesel Engine,	
"Teoria, Konstruktia, Raschet i		the Characteristics of Direct		Steyr-Daimler-Puch (pat. spec.)	286
Ispitanie Dvigatelei Vnutrenego		Brake Tests). Deutsche Kraft-		Commercial Vehicle Exhibition	408
Sgorania (Theory, Design,		fahrforschung No. 101	39	Commercial Vehicle Flooring, Byatt	
Sgorania (Theory, Design, Calculation and Testing of			33		
Internal Combustion Engines	40	"Vom Motor zum Auto, Fünf		Commercial Vehicle Progress	
Internal Combustion Engines)	40	Männer und ihr Werk," (From		Commercial Vehicles, German	44
"Trouble-Free Hydraulics" (I.		Engine to the Car, Five Men		Competition, Private Coachwork	355
McNeil)	259	and their Work.) (E. Diesel)	529	Composite Panels of Synthetic	
"Untersuchungen an Deichsel-		"W.O." (W. O. Bentley)	296	Plastic Material, Daimler-Benz	
kraftgeregelten Bremsen von		Books, Exhibition of Motoring	294	(pat. spec.)	365
Kraftfahrzeuganhängern." (In-		Boring Machine, Deckel Optical		Composite Springing	154
vestigations concerning Draw-		Co-ordinate	14	Continental Coachwork	177
			14		
bar-controlled Brakes for Lorry		Brake Dive, Elimination, Roll Axes	**	Control System for Machine Tools,	
Trailers). Deutsche Kraftfahrt-		(W. Steeds)	55	Numericord Data	37
forschung No. 108	232	Brake Drum, Budd (pat. spec.)	41	Control System, Hancock Tele-	
"Untersuchungen an Mechan-		Brake Hydraulic Servo Mechanism,		control	321
ischen Lenkungen und Hilfs-		Fodens, Ltd. (pat. spec.)	406	Coolant Pumps	294
kraftlenkungen Schwerer Kraft-		Brake Linings, DON R.14 material		Cooling Air Inlet, Volkswagenwerk	
fahrzeuge." (Investigations of		on Austin Gipsy	532	(pat. spec.)	41
			224	Cooling for Cars, Interior (A. S.	74
Mechanical Steering Systems		Brake Relay Valve, Vacuum, Clayton	140		200
and Auxiliary Power Steering		Dewandre	146	Lamburn)	306
Systems of Heavy Vehicles) No.		Brakes:		Corroless Priming Paint	313
115	529	Bendix Combined Shoe and Disc	365	Corrosion Resistant Priming Paint	313
"Untersuchungen des Dyna-		Commercial Vehicle Exhibition		Coupling, Hose, "Free-end" Nylon	60
mischen Verhaltens am Kraft-		Review of	434	Couplings, Semi-Trailer (H. C.	-
fahrzeugreifen." (Investiga-		DAF Hydro-Pneumatic System	77	Rippon)	314
			326	Counter and Timer, Batch	325
tions of the Dynamic Proper-		Disc, Teves (pat. spec.)	320		
ties of Tyres). Deutsche Kraft-	222	Liquid-cooled, General Motors	E 41	Counterbalanced Push Travel Truck	20
fahrtforschung No. 111	232	(pat. spec.)	541	Counterweights for Disc Crank-	
"Untersuchung über den Einfluss		Lockheed Power	341	shafts, Demountable, M.A.N.	
der Stossdämpfer auf die Zwis-		Motor Show Review of	495	(pat. spec.)	365
chen Rad und Fahrbahn Auftre-		Rippon Zero Lag Vacuum	356	Crankshaft Counterweights, De-	
tenden Senkrechte Dyna-		Water-cooled	523	mountable, M.A.N. (pat. spec.)	365
mischen Bodenkräfte." (In-		Zero Lag System, Rippon	356	Crankshaft Heat-treatment	62
		Braking, Exhaust, Daimler-Benz	550	Crankshaft Turning, Wickes Trans-	02
vestigations concerning the		Braking, Exhaust, Danmer-Benz	542	Crankshaft Turning, wickes Trans-	202
Influence of Shock Absorbers		(pat. spec.)	542	fer Machine	303
on the Dynamic Forces Occur-		Braking, Maxaret Anti-locking		Cromard Liners	305
ring between Wheel and Road).		Device	382	Cylinder, Air-cooled, Construction,	
Deutsche Kraftfahrtforschung		British and American Productivity		Stihl (pat. spec.)	326
No. 105	231	(Editorial)	43		
"Untersuchungen über die Abla-		British Engineers' Association Hand-			
gerung von Bleiverbindungen		book	294	TAF Hydro-Pneumatic Brake	
			514		~~
in Verbrennungsmotoren bie		British Standards, New		System	77
Verwendung Verbleiter Kraft-		Brown, David, 557A Gearbox	288	Damper, Torsional Vibration,	
stoffe." (Investigations Regard-		B.R.S. Vehicles	345	Metalastik (pat. spec.)	326
ing the Deposit of Lead Com-		Butterworth Swing Valve	198	Damper, Wheel, General Motors	
pounds in Internal Combustion				(pat. spec.)	83
Engines). Deutsche Kraft-				Damping Oscillations in Induction	
fahrtforschung No. 106	231	CAPS for Brake, Clutch and		Pipes, Daimler-Benz (pat. spec.)	542
"Untersuchungen über die Wirk-	201	Throttle Pedals	323	Data-Control System for Machine	342
		Car Aerodynamics (G. E. Lind			27
samkeit von Kotflügeln." (In-			262	Tools, Numericord	37
vestigations on the Effective-		Walker) 215, Carbide-tipped Tools, Wickman	406	David Brown 557A Gearbox	288
ness of Mudguards). Deutsche		Carolde-tipped 100is, wickman		De Havilland Cable Tester	400
. Kraftfahrtforschung No. 109	231	Erodosharp Re-servicing Mach-		Demountable Counterweights for	
"Untersuchungen über die		ine	15	Disc Crankshafts, M.A.N. (pat.	
Zweckmässige Führung des		Carburation and Induction, Motor		Spec.)	365
Auspuffrohres bie Diesel-Kraft-		Show Review of	468	Design, Factors Affecting Passenger	
fahrzeugen." (Investigations		Castings, Whiteheart Malleable Iron	274	Car, Aerodynamic Drag (R. M.	
Regarding the Suitable Posi-		Castor Oil for Lubrication	340		397
		Centring Attachment for Lathes,	240		
tioning of the Exhaust in		HSR Centri-Vite	204	Design Outlook, American	394
Diesel-engined Vehicles).			204	Design, Outlook on Automobile	
Deutsche Kraftfahrtforschung		Chassis, Austin Gipsy 328,		(G. Roesch)	354
No. 110	231	Chuck, Crawford Hydraulic	136	Design, Passenger Car, Aerodynamic	
"Untersuchungen über Mehr-		Cleaning Plant, Technochemie		Drag (R. M. Ogorkiewicz)	397
kreisige Druckmittelbremsen		Automatic Ultrasonic	104	Die-casting Machine, Robar	324
für Kraftfahrzeuge," (Investi-		Clutches:		Diesel Engine Performance (M.	224
gations of Multi-Circuit Pres-		Commercial Vehicle Exhibition		Alperstein, W. B. Swim, P.H.	
			418		-
sure Actuated Brakes for Road		Review of	410	Schweitzer)	22
Vehicles.) Deutsche Kraft-	-	Free Wheel for Fractional Horse-	£22	Diesel Engine Pistons (Editorial)	367
fahrforschung No. 102	39	power Applications	532	Disc Brake, Teves (pat. spec.)	326
"Vergleich Zwischen Benz-		Motor Show Review of	478	Divided Propeller Shaft, General	
pyrengehalt und Rauchdichte		Clutch Plates, Sintered Bronze-		Motors Corp. (pat. spec.)	166
bie Zweitakt und Viertakt-		faced	34	Dowty Synthetic Rubber Sealing	
Dieselmotoren," (Comparison		Coachwork Competition, Private	355	Rings	530
between Benzpyrene Content		Coachwork, Geneva Show Review of	177	Drag Aerodynamic (P M Occa-	230
		Cold Forming, Progressive	336	Drag, Aerodynamic (R. M. Ogor-	30=
and Smoke Density of Two-	147	Cold-heading Machine Hatchier		kiewicz)	397
and Four-stroke Diesel Engines)	14/	Cold-heading Machine, Hatebur	336	Drawing Practice, Engineering	399

	PAGE		PAGE		PAGE
Drill, Maxam Woodpecker Auto-		Exhaust Gas Ejectors (A. G. Fili-		CAS Ejectors (A. G. Filimonov)	271
matically Controlled	105	monov)	271	G	
Drill Post, Electromagnetic, Wolf-H.	261	Exhaust Purifier, Oxy-Muffler	202	Gearboxes:	369
& S.	361	Catalytic	392	Austin Gipsy Brown, David, 557A	288
Dumper, Foden Heavy-Duty	98	Exhibitions:	400	Commercial Vehicle Exhibition	
Dunlop Air Suspension Dunlop Maxaret Anti-skid Device	168 248	Commercial Vehicle Exhibition Geneva Show	408 177	Review of	419
Dynamometers:	240	London Motor Show	456	Gear Finishers, Michigan 870-A Gear Generator, Sykomatic	148 260
English Electric, Engine	376	Motoring Books	294	Gear Selector Mechanism, Hydrau-	200
Heenan and Froude 82		Expander Type Oil-Control Rings,		lic Actuation, David Brown	
Vehicle (H. J. Eatwell, N. G. Bos-		Welworthy Duaflex	175	(pat. spec.)	405
tock and J. R. Crowther)	297	Extrusion, Impact (H. W. Byles)	124	Gears: Resilient, Caterpillar Tractor Co.	
				(pat. spec.)	542
TEDITORIALS:		FACTORIES:		Resiliently Cushioned, Magnien	
EDITORIALS: Aerodynamics and Stability	207	B.M.C. Engine Replacement	402	(pat. spec.)	126
Air Suspension Damping	167	Chrysler Corporation, V-8 Engine	402	Ltd. (pat. spec.)	405
British and American Produc-		Manufacture	346	German Commercial Vehicles	44
tivity	43	Firth-Derihon Stampings Ltd.,	2.0	Grinding Attachment, Baker-Pera	125
Commercial Vehicle Progress	407 367	Mechanized Heat Treatment Ford Engine Plant, Lima, Ohio	362 533	Tool Radius and Cutting Edge Grinding Machines:	135
Diesel Engine Pistons Engine Development	127	Ford "Thames" Foundry	233	Deckel Optical Co-ordinate	14
Future Outlook, The	1	Jensen Motors, Ltd., Welding		Neven G.F.O. Oscillating-head	205
Lessons from the Show	455	Austin-Healey Car Bodies	100	Rowland Surface	96
Production and Design	85 287	Perkins, Ltd., F., Manufacturing Small Diesel Engines	64	"Groovees," Electrodes for Gouging and Piercing	106
Range of Vision	247	Vauxhall Motors, Ltd., Machin-	04	Gwish Fire Extinguisher	313
Road Safety and Design	327	Vauxhall Motors, Ltd., Machin- ing Mechanical Details of En-			
Welfare Costs	503	gine Components	190	TTANGOGE MI	221
Ejectors, Gas (A. G. Filimonov) .	271	Vauxhall Motors, Ltd., New Press Shop	277	HANCOCK Telecontrol	321
Electrical Equipment and Heaters, Commercial Vehicle Exhibition		Vauxhall Motors, Ltd., Production	211	Handa Overdrive	111
Review of	442	Expansion	159	Handbook of Standards	197
Electrical Equipment and Heaters,		Scottish Stamping and Engineer-		Hatebur Progressive Cold-heading	
Motor Show Review of	498	ing Co., Ltd., The Crankshaft	62	Machines	336
Electrically driven Exhauster, Feeny and Johnson	221	Heat-treatment Shotton Bros., Ltd., Foundry,	02	(pat. spec.)	41
Electric Motors, Brook	106	Malleable Iron Castings	316	Heaters, Commercial Vehicle Exhi-	
Electric Power-Assisted Steering,		Faster Gear Finishing	148	bition Review of	442
Thompson (pat. spec.)	84 59	Ferrolux Iron-Powder Electrodes	360	Heat Treatment: Crankshaft, The Scottish Stamp-	
Electrode Holders, Lincoln-Jackson Electrodes, Ferrolux Iron-Powder	360	Filing Machine for Non-ferrous		ing and Engineering Co. Ltd.	62
Electrodes for Gouging and Pierc-		Metals, Stanley "Discut"	138	Mechanized, Firth - Derihon	
ing, "Groovees"	106	Films, Shell Petroleum Co., Ltd Final Drive Arrangement, David	377	Stampings Ltd	362 98
Electromagnetic Drill Post, Wolf-H. & S	361	Brown and Sons, Ltd	126	Hepocrom Oil Control Ring	11
Employee Interviewing	110	Final Drive Units, Commercial		Hose Coupling, "Free-end", Nylon	60
Engine Balancing, Ford	38	Vehicle Exhibition Review of	425	Hydraulic Actuation of Gear Selec-	
Engine Components, Manufacture,	190	Fire Extinguisher, Gwish	313	(pat. spec.)	405
Vauxhall Motors, Ltd Engine Development (Editorial)	127	Firth-Derihon Stampings, Ltd.,	2.0	(pat. spec.)	
Engine Dynamometer, English Elec-		Batching Plant	362	Austin (pat. spec.)	406
tric	376	Flexible Bearings, Clayflex Flooring, Byatt Polyester-Glass	255	Hydro - pneumatic Brake System, DAF	77
Engine Lubrication, "Auto-Moly" Engine Performance, Diesel (M.	19	Fibre	535	Hydro - pneumatic Front Wheel	,,
Alperstein, W. B. Swim, P. H.		Fluid Suspension Spring, U.S. Rub-		Suspension, Ford (pat. spec.)	541
Schweitzer)	22	ber Co. (pat. spec.)	84	Hydropol Adhesive for Bonding	01
Engine Replacement Plant, B.M.C.	402	Foamoprene, Plastics Foam Material	214	Plastics to Metal and Rubber	81
Engines:	368	Foden Heavy-duty Dumper Ford Engine Plant, Lima, Ohio,	98		
Austin Gipsy Chrysler Plymouth V-8 Manufac-	300	Automation Techniques	533	IMPACT Extrusion (H. W. Byles)	124
ture	346	Automation Techniques Ford "Thames" Foundry	233	Improving Blower Efficiency, Hano-	
Commercial Vehicle Exhibition	400	Foundry, Ford "Thames"	233	mag (pat. spec.)	84
Review of	408	Foundry, Shotton Bros., Ltd., Con- tinuous Flow-line Production	216	Independently Sprung Front Wheel Mounting, Morris (pat. spec.)	
Chamber (pat. spec.)	206	Four-stroke Engine, Lanova (pat.	316	Mounting, Morris (pat. spec.) Indicator for Lathes, Ceewrite	405
Daimler - Benz Fuel - injection,		spec.)	326	Industrial Purchasing	203 363
Mixture - compressing (pat.	42	Frame, Austin Gipsy	333	Industrial Safety Booklets	540
Lanova Four-stroke (pat. spec.)	42 326	Frames and Body Structures, Com- mercial Vehicle Review of	438	Injection Nozzle Servicing Bench,	-
Mercedes-Benz Multi-fuel 53		Free Wheel for Fractional Horse-	430	Hartridge	360
Motor Show Review of	456	power Applications	532	Lamination Detector	61
Panhard Dyna 55	128 64	Fuel Consumption Measurement	312	Institution of Production En-	
Engine Testing, Heenan and Froude	04	Fuel Device for Diesel Engines, Excess, Simms	95	gineers, Paper read before:	
Dynomometers 82		Fuels, Octane Numbers (K. Arter)	23	"Impact Extrusion" (H. W. Byles)	124
Engine Testing, Newage Equipment	12	338	3, 381	Intercooling and Turbocharging	150
Engineering Drawing Practice	399 518	Fuel-injection, Mixture-compress-		Interior Cooling for Cars (A. S.	
Essay Competition, Hartridge Excess Fuel Device for Diesel En-	310	ing Engine, Daimler-Benz (pat. spec.)	42	Lamburn) Interviewing, Employee	306 110
gines, Simms	95	rumaces for the Aluminum indus-		Iron Castings, Whiteheart Malle-	110
Exhauster, Electrically driven,	221	_ try	21	able	274
Feeny and Johnson	221	Future Outlook, The (Editorial)	1	Iron, Malleable	381

	PAGE		PAGE		PAGE
TOINTS:		Mounting Anti-Friction Bearings		"Polyorc BH" Tubing	364
Hilyn Self-sealing Swivel	359	Multi-fuel Engines, Mercedes-		Porosity in Welding	54
			210	Positive Displacement Blower, Auto	-
Nitex Tube	274	Benz	210		366
				Union (pat. spec.)	300
		NADELLA Needle Thrust Bearing	392	Power-assisted Steering Gear,	
T AMINATED Spring, Daimler-		N. D.		Citroën (pat. spec.)	42
L AMINATED Spring, Daimler- Benz (pat. spec.)	83	Mamanlatan Millatt Lavana Calf		Precision Barrelling, Development	
Laminated Torsion Bar, Volks-		Nameplates, Millett Levens Self-	140	of New Methods and Processes	
wagenwerk (pat. spec.)	166	Adhesive	149	by Rolls-Royce, Ltd	536
		Needle Thrust Bearing, Nadella	392		277
Lamination Detector, BISRA	61	New Plant and Tools 14, 59, 104,	135,	Press Shop, Vauxhall Motors	
Lapping Machine, Lapmaster "48"	203	203, 315		Production and Design (Editorial)	85
Lateral Forces on Tyres (D. H.		New Standards, B.S.I	514	Production Expansion, Works of	
Cooper)	524		274	Vauxhall Motors, Ltd	159
Latham Supercharger	32	Nitex Tube Joints	214	Production Research, PERA Acti-	
Lathes:		Numericord Data-Control System		vities in 1957	74
	50	for Machine Tools	37	Designation Designation and American	, ,
Dubied Rapid 515 Copying	59	Nut-forming Machine, Hatebur Pro-		Productivity, British and American	43
Vertimax Production	107	gressive Cold-heading	336	(Editorial)	43
Lessons from the Show (Editorial)	455	Nuts and Bolts	308	Progressive Cold Forming	336
Levelling Device for Leaf Springs,			200	Propeller Shaft, Divided, General	
Ford (pat. spec.)	365	Nuts:	250	Motors Corp. (pat. spec.)	166
Lift-truck, Lansing Bagnall	16	Euco Hydraulic Arbor	359	Propeller Shafts and Final Drive	
		Self-locking Nylon, American			405
Liners, Cromard	305	Screw Co. (pat. spec.)	206	Units	485
Liquid - cooled Brake, General		out of the speny		Pumps:	
Motors (pat. spec.) Loading Devices for Wickman	541			Coolant Materials Handling, Bullows-	294
Loading Devices for Wickman		OCTANE Numbers (K. Arter) 338	, 381	Materials Handling, Bullows-	
Chucking Automatics	113	U		Binks "Pogo"	315
Lockbolt, Avdel	357	Oil, Castor, for Lubrication	340	Purchasing, Industrial	363
Lockheed Power Brake	341	Oil Control Ring, Hepocrom	11	ruichasing, moustriai	303
Lockfield Fower Brake					
London Show Review	456	Optical Co-ordinate Machine, Deckel	14	O TYAT TITLE (D.4's'-1)	207
Lubrication:		Oscillations in Induction Pipes,		OUALITY (Editorial)	287
Castor Oil for Bus Rear Axles	340	Damping, Daimler-Benz (pat.		2	
Engine, "Auto-Moly"	19	spec.)	542		
		Outlook on Automobile Design (G.		TOADIOTRACERS, Application to	
			354	RADIOTRACERS, Application to Measurement of Piston Ring	
MACHINE Control, Automatic	50	Roesch)		Wicasurement of Fision King	
VIACHINE Control, Automatic	58	Outlook, The Future (Editorial)		Wear (J. H. Deterding and	250
		Overdrive, Handa	111	J. R. B. Calow)	378
Machine Tool Rebuilding	337	Overdrive Mechanism, Moss Gear		Range of Vision (Editorial)	247
Machine Tools, Numericord Data-		Co., Ltd. (pat, spec.)	405	Rebuilding Machine Tools	337
Control System	37	Overhead Valve Actuating Mechan-	100	Research, Car Aerodynamics (G. E.	
Machine Tools, see			03	Tind Walker) 215	262
		ism, General Motors (pat. spec.)	83	Lind Walker) 215,	
Boring Machines		Overhead Valve Guides. Daimler-	2.5	Research, PERA Activities in 1957	74
Cold-heading Machines		Benz (pat. spec.)	166	Resilient Gears, Caterpillar Tractor	
Drilling Machines		Oxy-Muffler Catalytic Exhaust		Co. (pat. spec.)	542
Gear Generators		Purifier	392	Resiliently Cushioned Gears, Mag-	
Grinding Machines		Furmer	374		126
Lapping Machines				nien (pat. spec.)	120
		DAINT, Corroless Priming	313	Reversing Mechanism for Torque-	
Lathes		Printing	0.20	converter Transmission, Renault	
Milling Machines		Dellas Landlina Banis Touch Bansall	106	(pat. spec.)	541
Transfer Machines		Pallet-handling Bogie Truck, Powell	106	Rheostat, Vapormatic	108
Machining Mechanical Details,		Panels, Composite, of Synthetic		Ride Leveller for Leaf Springs, Ford	
Vauxhall Motors Ltd	190	Plastic Material, Daimler-Benz			365
Machining Piston Rings, Teves	150	(pat. spec.)	365	(pat. spec.)	303
waching riston Kings, Teves	200	Panhard Dyna 55 Engine	128	Rings:	
(pat. spec.)	366		323	Hepocrom Oil Control	11
Malleable Iron	381	Pedal Caps		Star Tolerance	13
Malleable Iron Castings, Shotton		Pencil, All-Stabilo	323	Rippon Vacuum Brake (H. C.	
Bros. Ltd. New Foundry	316	PERA Activities in 1957	74	Dinnen)	356
Manifold Tuning (E. M. Goodger	220	Performance, Diesel Engine (M.	-	Rippon)	
	£10	Alperstein, W. B. Swim, P. H.		Road Safety and Design (Editorial)	327
and J. Hillsdon)	519	Schweitzer)	22	Road Speed Tyre, Dunlop	270
Materials:			AL AL	Robar Die-casting Machine	324
Handling	153	Performance Prediction (J. R.	***	Roll Axes (W. Steeds)	55
Plastics Foam	214	Ellis)	117	Rolls-Royce Development of Bar-	
Strength of	275	Phase and Continuity Indicator	357		536
Maxaret Anti-locking Brake Con-		Piston and Connecting Rod Assem-		relling Technique	330
trol Unit 248	392	bly, Klöckner-Humboldt-Deutz		Roots-type Blower, Improving	
Measurement of Piston Ring Wear	, 302	(pat. spec.)	41	Efficiency, Hanomag (pat. spec.)	84
			44	Rubber Engineering	81
(J. H. Deterding and J. R. B.		Piston-crown Swirl Chamber for		Rubber Mountings, Body	86
Calow)	378	Diesel Engine, Steyr-Daimler-		Rubber Rumbling Barrel, Dunlop	
measuring Equipment:		Puch (pat. spec.)	286	(mat amaa)	406
Deckel Optical Co-ordinate	14	Piston Rings:		(pat. spec.)	
Electronic, for Recording Con-		Goetz (pat. spec.)	206	Rubber Springs, Aeon Hollow	154
sumption of Eugl	212	Machining Toyes (not spec)	366	Rumbling Barrel, Rubber, Dunlop	
sumption of Fuel	312	Machining, Teves (pat. spec.)	200	(pat. spec.)	406
Micrometrical Wavometer	358	Stellite, Hepworth and Gran-		4	
Mechanized Heat Treatment,		dage	375	C	
Firth-Derihon Stampings Ltd.	362	Wellworthy Duaffex Expander		SAFETY Belts, R.K.N.	21
Metal Spraying Conference	270	Type Oil-control	175		
Micro-drilling Machine, Dumore	16	Piston Ring Wear (J. H. Deterding		Safety:	
Milling Machine:	10	and J. R. B. Calow)	378	Industrial, H.M. Stationery Office	
	127			Destalas	540
Donau Automatic Rack	137	Pistons, Diesel Engine (Editorial) Plastic-Coated Steel, "Stelvetite"	367	Booklets	
Herbert No. 47V with Automatic		Plastic-Coated Steel, "Stelvetite"	17	Road, and Design (Editorial)	327
Down-feed	138	Plastics Foam	214	Screw Threads, Unified	361
Victomatic Automatic-cycle	204	Plastics Suspension, Viberti-Pogioli		Sealing Divided Wheel Rims, Good-	
Mistless Spray Gun, K-L	204	System	122	rich (pat. spec.)	126
Molybdenum Disulphide, "Auto-	204		2 10 60	Sealing, Simplified, Dowty Syn-	
Moly " Proint Committee, Auto-	10	Pneumatic Suspension Spring,	346		520
Moly" Engine Compound	19	Goodyear (pat, spec.)	366	thetic Rubber Rings	530
Motor Show	456	Polyester-Glass Fibre Vehicle		Self-Adhesive Nameplates, Millet	
Motors, Brook Electric	106	Flooring, Byatt	535	Levens	149

Self-sealing, Swivelling Pipe Joint,	250	Suspension—Continued	LAGE	[]NIFIED Screw Threads	361
Hilyn	359	Goodyear Pneumatic Spring (pat. spec.)	366	Universal Table for Shaper, Invicta	
Rippon)	314 377	Hydro-pneumatic Front Wheel,	541	Major	359
Shell Films	3//	Ford (pat. spec.)	541 489		
Bendix (pat. spec.)	365	Motor Show Review of Front Motor Show Review of Rear	487	V-8 Engine Manufacture, Chrysler	
Simplified Sealing, Dowty Synthetic	303	Plastics, Viberti-Pogioli	122	Plymouth	346
Rubber Rings	530	Pneuride Air	168	Vacuum Brake Relay Valve, Clay-	
Sintered Bronze-Faced Clutch Plates	34	Rubber Body Mounting	86	ton Dewandre	146
Skidding, Dunlop Maxaret Anti-		Roll Axes (W. Steeds)	55	Valve Actuating Mechanism, Over-	
skid Device 248	, 382	Viberti-Pogioli Plastics	122	head, General Motors (pat.	
Skid Prevention (R. D. Lister and	202	Swing Valve, Butterworth		spec.)	83
R. N. Kemp)	382	Sykomatic Gear Generator	260	Valve Adjuster Screw, Begley (pat.	-
trol, Baldwin	135			spec.)	83
Speed, Maintaining Constant,		TABLE, Universal, for Shaping		Valve Guides, Overhead, Daimler-	***
Citroën (pat. spec.)	542	1 Machine	359	Benz (pat. spec.)	166
Speed, Performance Prediction		Tapping Heads, Autal	105	Valve Lift, Automatic Regulation,	42
(J. R. Ellis)	117	Technical Information	518	Daimler-Benz (pat. spec.) Valves:	42
Spot-welding Electronic Timer,	40	Telecontrol, Hancock	321	Butterworth Swing	198
Argonarc	60 204	Testing, Car Aerodynamics (G. E. Lind Walker 215,	262	Clayton Dewandre Vacuum	170
Spray Gun, K-L Mistless Springing, Composite	154	Testing Equipment:	202	Brake Relay	146
Springing Device, Auxiliary, Toledo	134	BISRA Sheet Metal Lamination		Hard-faced, Teves (pat. spec.)	206
Woodhead (pat. spec.)	365	Detector	61	"Rayon-Patent" Stop	107
Springs:		British Oxygen Gases Flow-test			107
Aeon Hollow Rubber	154	Instrument for Oxy-acetylene		Solenoid, with Manual Control, Baldwin	136
Airide	208	Blowpipes	61		345
Air Suspension, General Motors	9.4	de Havilland Cable Tester	400	Van, B.R.S.	
Corp. (pat. spec.)	84 208	English Electric Engine Dyna- mometer	376	Vapormatic Rheostat	108
Firestone Airide	200	Heenan and Froude, Vehicle	142	Vauxhall Motors' New Press Shop	277
Co. (pat. spec.) ······	84	Newage Engine	12	Vauxhall Motors, Ltd., Production	150
Goodyear Pneumatic Suspension		Vehicle Dynamometer (H. J. Eat-		Expansion	159
(pat. spec.)	366	well, N. G. Bostock and J. R.		Vehicle Dynamometer (H. J. Eat- well, N. W. Bostock and J. R.	
Laminated, Daimler-Benz (pat.	0.7	Crowther)	297	Crowther)	297
spec.)	83	Testing Fuels, Octane Numbers (K.	201	Vehicle Speed, Maintaining Con-	271
Leaf, Ride Leveller, Ford (pat.	365	Arter)	381	stant, Citroën (pat. spec.)	542
spec.) Rubber, Aeon Hollow	154	monov)	271	Vehicle Test Plant, The Associated	
Stability and Aerodynamics (Edi-		Test Plant, Vehicle, The Associated		Ethyl Co., Ltd	142
torial)	207	Ethyl Co., Ltd	142	Ventilated Wheel and Rim Assem-	
Stabilizers, Voltage	302	Timer and Batch Counter	325	bly, Kelsey-Hayes (pat. spec.)	405
Starter for Slip-Ring Electric	100	Tipping Gear for Articulated		Vibration Damper, Torsional,	
Motors, Vapormatic Rheostat	108	Vehicles, Anthony (pat. spec.)	542	Metalastik (pat. spec.)	326
Star Tolerance Rings	13 17	Tolerance Rings, Star	13 136	Vibration Prevention, Rubber	
Steering:	1,	Torsional Vibration Damper, Metal-	130	Mountings	86
Austin Gipsy	334	astik (pat. spec.)	326	Vice, Tilting and Swivelling	360
Citroën Power-assisted (pat. spec.)	42	Torsion Bar Front Suspension,		Vision, Range of (Editorial)	247
Commercial Vehicle Exhibition,		Ford (pat, spec.)	286	Visual-record Control System, Han-	
Review of	427	Torsion Bar, Laminated, Volks-	111	cock Telecontrol	321
Motor Show, Review of	493	wagenwerk (pat. spec.)	166 404	Voltage Stabilizers	302
Thompson Electric Power-assisted (pat. spec.)	84	Trailers, Cranes Air Suspension for	404		
Stellite Piston Rings	375	Semi-Trailers	139	WATER-COOLED Brakes	523
Stelvetite Plastic-coated Steel	17	Transfer Machine for Turning		Wear, Piston Ring (J. H.	
Stop Valves, "Rayon Patent"	107	Crankshafts, Wickes	303	Deterding and J. R. B. Calow)	378
Strength of Materials	275	Transfer Machines, Manufacturing		Welding Austin-Healey Car Bodies	100
Supercharger, Latham	32	Perkins Small Diesel Engines	64	Welding Installation for Axle Cas-	
Surface Grinders, Rowland	96	Transformer Plug, Dohm Electran	315	ings, Automatic	202
Suspension:	154	Transmission:	532	Welding, Porosity in	54
Aeon Hollow Rubber Springs Air, Damping (Editorial)	167	Borg-Warner Automatic (Booklet) Handa Overdrive	111	Welfare Costs (Editorial)	503
Air, Dunlop Pneuride	168	Hydro-mechanical, Austin (pat.	111	Wellworthy Duaflex Oil-Control	
Air, for Semi-Trailers, Cranes	139	spec.)	406	Ring	175
Air, on the Continent	2	Motor Show Review of	479	Wheel and Rim Assembly, Ventil-	405
Air Suspension Spring, General	0.4	Reversing Mechanism for Torque-	- 41	ated, Kelsey-Hayes (pat. spec.)	405
Motors (pat. spec.)	84	converter, Renault (pat. spec.)	541	Wheel Damper, General Motors (pat. spec.)	83
Austin Gipsy Commercial Vehicle Exhibition,	329	Trimming Machine for Non-ferrous	138	Wheel Mounting, Independently	00
Review of	427	Metals, Stanley "Discut" Truck, TPS MachinLoder	20	Sprung Front, Morris (pat.	
Cranes Air Suspension for Semi-		Tube Joints, Nitex	274	spec.)	405
Trailers	139	Tube Pirelli Airlock	261	Wheel Rims, Sealing, Goodrich	100
Daimler-Benz Engine and Gear		Tubing, "Polyorc BH" Tuning, Manifold (E. M. Goodger	364	(pat. spec.)	126
Unit (pat. spec.)	286	Tuning, Manifold (E. M. Goodger	£10	Whiteheart Malleable Iron Cast-	274
Damping, Air (Editorial)	167 168	and J. Hillsdon)	519	Wickman Erodosharp Machine for	2/4
Dunlop Air	100	Turbocharging and Intercooling, B.S.A. Development Work	150	Re-servicing Carbide-tipped	
Rubber Co. (pat. spec.)	84	Turning Crankshafts, Wickes	100	Tools	15
Ford Torsion Bar Front (pat.		Transfer Machine	303	Wind Tunnel Tests, Car Aerody-	
spec.)	286	Tyres:		namics (G. E. Lind Walker) 215,	
General Motors Air Suspension	0.4	Dunlop Road Speed	270		113
Spring (pat. spec.)	84	Lateral Forces on (D. H. Cooper)	524	Works, see Factories	

PHOTOGRAPHIC ILLUSTRATIONS OF ENGINE AND CHASSIS DETAILS

	PAGE		PAGE		PAGE
A.C. Ace Independent Rear Sus-		DAF Belt-drive Transmission	480	LIRKSTALL 24-ton Double-	
A.C. Ace Independent Rear Suspension	488	DAF Horizontally Opposed		A drive Hypoid Twin-axle Bogie	424
A.C. Ace Transmission	484	Twin - cylinder Air - cooled		Kirkstall Driven Front Axle :	424
AC-Delco Vivid Arc Speedometer	445	Engine	462		
A.E.C. 11.3-litre Six-cylinder		DAF Trailer Brake Valve	80	T ANCIA Annia Engine	467
Engine	410	Daimler CD 6 Turbocharged		LANCIA Appia Engine Lancia Flamina Induction	
A.E.C. Front Axle Layout	426	Engine	413	Manifold	471
A.E.C. Maudslay Four-cylinder		Daimler CVD 650-220 Power-		Land-Rover Diesel Engine ?	408
Engine	410	assisted Steering	432	Latham Supercharger on Ford	,
A.E.C. Reliance Rear Axle	430	David Brown 557A Gearbox		Mercury Engine	33
A.E.C. Reliance Rear Suspension	426	Dennis Loline Chassis Frame	439	Laycock-de-Normanville Overdrive	
Aeon Hollow Rubber Springs	154	Dunlop Air Suspension	171	Unit on Rover Car	483
Airide Springs	209	Dunlop Disc Brake	497	Lockheed 12 in ×4 in Transmission	
Alfa Romeo Double Overhead Cam-	440	Dunlop Disc Brakes on Dyson 8-		Brake	435
shaft 2000 Spider Engine	468	ton Four-wheel Trailer	436	Lockheed Disc Brake Assemblies	496
Armstrong Siddeley Star Sapphire		Dunlop Front Suspension Assem-		Leyland Five-speed Gearbox	423
Engine with Two Zenith-		bly on Jaguar Car	491	Leyland Octopus Trailing Axle	425
Stromberg Downdraught Car-	477	Dunlop Maxaret Anti-skid Device		Leyland Super Comet Final Drive	
burettors	472	Dunlop Pneumatic Suspension		Unit	426
Aston Martin DB4 Engine 458	, 439	Layouts	6	Lockheed Heavy Duty Camshaft	
Aston Martin DB4 Induction Mani-	476	Dunlop Rear Suspension System	7	Actuated Front Wheel Brake	434
fold	476	Dunlop Rear Wheel and Transmis-		Lockheed Rear Wheel Disc Brake	437
Austin A40 Two-port Induction	473	sion Disc Brakes on Eaton		Lotus Formula I Five-speed Trans-	
Manifold Chassis	44	Axle	436	mission	484
Austin Engine in Tempo Chassis	368	Dyson Trailer Air Suspension	432		
Austin Gipsy Chassis Vahicle	334			TALAN 420 HOC1 Front Sus-	
Austin Gipsy Cross-country Vehicle	331	EBERSPACHER Turbocharger on A.E.C. Engine		M.A.N. 420 HOC1 Front Sus- pension and Steering Layout	52
Austin Gipsy Front Suspension	329	on A.E.C. Engine	411	M.A.N. 420 HOC1 Rear Suspen-	
Austin Gipsy Rear Suspension Austin Gipsy Steering Adjustment	371	Excelsior Two-stroke Engine In-		sion	52
Austin Gipsy Transmission	372	stallation in Berkeley Car	457	M.A.N. Six-cylinder Underfloor	
Austin-Healey 100 Six. Cylinder	312			Diesel Engine	51
Head and Induction System	474	FEENY and Johnson Vacuum		Marchal Uni-Visorim Fog and	
Austin-Healey Front Suspension	490	1 Trailer Brake Control Equip-		Driving Lamps	444
Austin-Healey Sprite Carburettors	470	ment on Land-Rover	438	Maxaret Anti-skid Device 250	, 383
Austin-Healey Sprite Rack-and-		Foden S-cam Air Pressure Actuated		Meadows 6DC700 Six-cylinder	
pinion Steering Unit	494	Rear Wheel Brake	436	11.38 litre Engine	415
Austin-Healey Sprite Rear Suspen-		Ford Fairlane V-eight Engine		Meadows 6DCS630, 10.35 litre	
sion	488	Ford Steering Damper	47	Engine with Holset-Schwitzer	
		Frisky Independent Front Suspen-		Turbocharger	414
DING Single Down draught Car		sion		M.G. Twin Cam Engine with two	
BING Single Down-draught Car- burettor on NSU Prinz	471	Friskysprint Engine	467	S.U. Semi-downdraught Car-	
	4/1			burettors	472
B.M.C. Engine in Austin-Healey	463	CARDNER 6LX, 10.45 litre, 150)	Mercedes-Benz 220SE Six-cylinder	
Sprite Sports Two-seater	461	b.h.p. Engine	412	Engine	457
B.M.W. 600 Twin-Cylinder Air-		Girling Disc Brake	497	Metalastik Metacone Anti-vibration	
cooled Engine	460	Girling Disc Brake Equipment or	1	Mountings on Dennis Ambu-	
Borg and Beck A.S. Type Clutch	419	Guy Chassis		lance Chassis	92, 93
Borg and Beck Clutches	478	Girling Front Wheel Disc Brake or	1	Metalastik Metacone Mountings on	
Borg and Beck Integral Main Drive		Triumph TR3	495	Foamite Crash Tender Chassis	
and Power Take-off Clutch	418	Girling S-type Cam Actuated Real		Metzeler Front Suspension	8
Borgward Isabella Induction		Brake	434	Arrangement	
System	472	Goggomobil 293cm³ Air-cooled	1	Moss Six-speed Gearbox	483
Brown, David 2AO Two-speed Epi-		Engine Goggomobil Royal Four-stroke	417		
cyclic Auxiliary Gearbox	420	Goggomobii Royal Four-stroke	4.00	NSU Prinz Front Suspension Linkage	
		Engine	462	Linkage	489
Brown, David, 557A Five-speed	422	Guy Victory Independent Front		NSU Prinz Parallel Twin-cylinder	
Gearbox 288, 289		wheel Suspension		Engine	
Butterworth Swing Valve	198	Guy Victory Rear Axle	430	NSU Prinz Rack-and-pinion Steer-	
, , ,		***************************************		ing Unit	493
CAM Goor Steering Unit on		HANDA Overdrive Unit 11			
CAM Gear Steering Unit on Frisky Chassis	492	Hands 10-ton Semi-traile		DANHARD Dyna 850 cm3 Engine	
C.A.V. Coaxial Starter Motor	443	Axle with Air Springs		13.	2, 400
C.A.V. Four-lamp Installation on		Hillman Minx Engine		Panhard Dyna 55 Engine and Gear-	
Guy Invincible		Hobbs Mecha-Matic Transmission		box	130
C.A.V. Type AC8, A.C. Generator		Humber Super Snipe 3,651 cm	1, 423	Panhard Dyna 55 Engine and Sus-	
CEAT Air Springs		Engine	465	pension	
Chrysler 300E Four-barrel Com-		Humber Super Snipe Gearbox .		Peerless Rear Axle	487
pound Downdraught Carburet-		Humber Super Snipe Induction		Perkins C305, 5 litre Underfloor	
tors	470	System		Engine	414
Clayton Dewandre Reservoir Type			414	Perkins F340 Six-cylinder Engine	
Hydrovac Vacuum Servo		TAGUAR 150S Induction Mani	-	Perkins Four 99 Engine	
Commer Five-speed Gearbox		J folds	. 477	Pontiac V-eight Engine	
Coventry Climax Engine in Lotus		Jaguar Cooling Fan		Primrose Third Axle Attachment	
Formula I Racing Car	461	Jensen Tempo 1500 Backbone Typ		on Guy Warrior Chassis	430
Coventry Climax FWM Prototype		Frame	. 439		
Four-cylinder Engine	461	Jensen Tempo 25 cwt Truck Inde		DELIANT 5 cwt Three-wheel	1
Cromard Liners	305	pendent Front Suspension .		Van Front Suspension	427
Cummins NRTO-6 Turbocharged		Jensen 25 cwt Truck Independen	t	Rover 3 Litre Engine	404
Engine	411	Rear Suspension	429	Rover 3 Litre Front Suspension	490

	PAGE		PAGE	· ·	PAGE
SCAMMELL Heavy Duty Axle Scammell Six-speed Heavy	424	Simms Manually Operated Inertia Starter for Tractors		THORNYCROFT KRN6/S, 11.3 litre Six-cylinder Engine with	1
Duty Gearbox	423	Simms Starter Motor	443	Simms-Eberspächer Turbo-	
Scammell Super Construction Front Driving Axle	431	Smiths Selectroshift Transmission (sectioned)		Charger Triumph TR3 Induction Manifold	
Seddon DD8 Power-assisted Steer-		Smiths Autoselectric Transmission		VIBERTI-POGIOLI Suspension Volvo 1,583 cm ³ Engine	122
ing Installation	432	Smiths' Magnetic Particle Fan Coupling (sectioned)		TA7ESTINGHOUSE Air Suspen-	
speed Garbox	420	Standard Atlas Front Suspension	428	Westinghouse Electro-pneumatic	10
Self Changing Gears Ltd. Four-		Standard Atlas Van Engine	415	Synchronized Brake System	
speed Epicyclic Gearbox	421	S.U. Horizontal Carburettors on Daimler Majestic	474	ZF Hydromedia Automatic Trans-	
Self Changing Gears Ltd. Torque Converter	420	Sunbeam Rapier 1,494 cm3 Engine		ZF Spindle Hydro-steering Unit	420 433

